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RAW SEQUENCE LISTING

DATE: 11/18/2002

PATENT APPLICATION: US/10/000,840A

TIME: 12:59:34

Input Set : A:\24492_005 Seq list.txt

Output Set: N:\CRF4\11182002\J000840A.raw

#16

4 <110> APPLICANT: Magil, Sheila G.
5 Jones, Susan D.
6 Pace, Gary W.
7 Brand, Stephen J.
9 <120> TITLE OF INVENTION: Novel Epidermal Growth Factor Protein and
10 Gene, and Methods of Use Therefor
12 <130> FILE REFERENCE: 24492-005
14 <140> CURRENT APPLICATION NUMBER: US 10/000,840A
15 <141> CURRENT FILING DATE: 2001-10-23
17 <160> NUMBER OF SEQ ID NOS: 9
19 <170> SOFTWARE: PatentIn Ver. 2.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 53
23 <212> TYPE: PRT
24 <213> ORGANISM: Human EGF (epidermal growth factor)
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28 1 5 10 15
29 Asp Gly Val Cys Met Tyr Ile Glu Ala Leu Asp Lys Tyr Ala Cys Asn
30 20 25 30
31 Cys Val Val Gly Tyr Ile Gly Glu Arg Cys Gln Tyr Arg Asp Leu Lys
32 35 40 45
33 Trp Trp Glu Leu Arg
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37 <210> SEQ ID NO: 2
38 <211> LENGTH: 51
39 <212> TYPE: PRT
40 <213> ORGANISM: Recombinant human EGF51N
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44 1 5 10 15
45 Asp Gly Val Cys Met Tyr Ile Glu Ala Leu Asp Lys Tyr Ala Cys Asn
46 20 25 30
47 Cys Val Val Gly Tyr Ile Gly Glu Arg Cys Gln Tyr Arg Asp Leu Lys
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49 Trp Trp Asn
50 50
53 <210> SEQ ID NO: 3
54 <211> LENGTH: 51
55 <212> TYPE: PRT
56 <213> ORGANISM: Recombinant human EGF51A
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59 Asn Ser Asp Ser Glu Cys Pro Leu Ser His Asp Gly Tyr Cys Leu His

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60 1          5          10          15
61 Asp Gly Val Cys Met Tyr Ile Glu Ala Leu Asp Lys Tyr Ala Cys Asn
62          20          25          30
63 Cys Val Val Gly Tyr Ile Gly Glu Arg Cys Gln Tyr Arg Asp Leu Lys
64          35          40          45
65 Trp Trp Ala
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70 <211> LENGTH: 51
71 <212> TYPE: PRT
72 <213> ORGANISM: Recombinant human EGF51Q
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76 1          5          10          15
77 Asp Gly Val Cys Met Tyr Ile Glu Ala Leu Asp Lys Tyr Ala Cys Asn
78          20          25          30
79 Cys Val Val Gly Tyr Ile Gly Glu Arg Cys Gln Tyr Arg Asp Leu Lys
80          35          40          45
81 Trp Trp Gln
82          50
85 <210> SEQ ID NO: 5
86 <211> LENGTH: 51
87 <212> TYPE: PRT
88 <213> ORGANISM: Recombinant human EGF51S
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92 1          5          10          15
93 Asp Gly Val Cys Met Tyr Ile Glu Ala Leu Asp Lys Tyr Ala Cys Asn
94          20          25          30
95 Cys Val Val Gly Tyr Ile Gly Glu Arg Cys Gln Tyr Arg Asp Leu Lys
96          35          40          45
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103 <212> TYPE: DNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: DNA encoding EGF51N
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110 aactctgact ccgaatgtcc attgtctcac gacgggttact gtttgacaga cgggtgttgt 60
111 atgtacatcg aagcttttga caagtacgct tgtaactgtg ttgtcggtta catcggtgaa 120
112 agatgtcaat acagagactt gaagtgggtg aattgagata a 161
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116 <212> TYPE: DNA
117 <213> ORGANISM: Artificial Sequence
119 <220> FEATURE:
120 <223> OTHER INFORMATION: DNA encoding EGF51A
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122 <400> SEQUENCE: 7
123 aactctgact ccgaatgtcc attgtctcac gacggttact gtttgacga cgggtgttgt 60
124 atgtacatcg aagctttgga caagtacgct tgtaactgtg ttgtcggta catcggtgaa 120
125 agatgtcaat acagagactt gaagtgggtg gcttgagata a 161
127 <210> SEQ ID NO: 8
129 <211> LENGTH: 161
130 <212> TYPE: DNA
131 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: DNA encoding EGF51Q
136 <400> SEQUENCE: 8
137 aactctgact ccgaatgtcc attgtctcac gacggttact gtttgacga cgggtgttgt 60
138 atgtacatcg aagctttgga caagtacgct tgtaactgtg ttgtcggta catcggtgaa 120
139 agatgtcaat acagagactt gaagtgggtg caatgagata a 161
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147 <220> FEATURE:
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153 agatgtcaat acagagactt gaagtgggtg tottgagata a 161

VERIFICATION SUMMARY
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